

**EXPRESS ABANDONMENT UNDER  
37 CFR 1.138**

File the petition electronically using EFS-Web  
Or Mail the petition to:  
Mail Stop Express Abandonment  
Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Application Number	10/681,587
Filing Date	October 7, 2003
First Named Inventor	Thomas L. BARNHART
Art Unit	3688
Examiner Name	Janvier, Jean D.
Attorney Docket Number	2743.001000E

Please check only one of boxes 1 or 2 below.

(If no box is checked, this paper will be treated as a request for express abandonment as if box 1 is checked.)

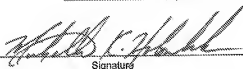
1. ☐ **Express Abandonment**  
I request that the above-identified application be expressly abandoned as of the filing date of this paper.
2. ☒ **Express Abandonment in Favor of a Continuing Application**  
I request that the above-identified application be expressly abandoned as of the filing date accorded the continuing application filed previously or herewith.

NOTE: A paper requesting express abandonment of an application is not effective unless and until an appropriate USPTO official recognizes and acts on the paper. See the Manual of Patent Examining Procedure (MPEP), section 711.01.

**TO AVOID PUBLICATION, USE FORM PTO/SB/24A INSTEAD OF THIS FORM.**

**TO REQUEST A REFUND OF SEARCH FEE AND EXCESS CLAIMS FEE (IF ELIGIBLE), USE FORM PTO/SB/24B INSTEAD OF THIS FORM.**

- I am the: ☐ applicant.
- ☐ assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)
- ☐ attorney or agent of record. Attorney or agent registration number is \_\_\_\_\_
- ☒ attorney or agent acting under 37 CFR 1.34, who is authorized under 37 CFR 1.138(b) because the application is expressly abandoned in favor of a continuing application (box 2 above must be checked). Attorney or agent registration number is 54,179

  
\_\_\_\_\_  
Signature

Michelle K. Holoubek  
\_\_\_\_\_  
Typed or printed name

May 25, 2010  
\_\_\_\_\_  
Date

(202) 371-2600  
\_\_\_\_\_  
Telephone Number

Note: Signature of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process an application). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Express Abandonment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.